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Result
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OM nucleic - nucleic search, using sw model
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DB seq length: 2000000000
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1: /cgn2_6/ptodata/2/
2: /cgn2_6/ptodata/2/
3: /cgn2_6/ptodata/2/
4: /cgn2_6/ptodata/2/
5: /cgn2_6/ptodata/2/
6: /cgn2_6/ptodata/2/
                53.3 1680
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50.8 7180
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48.7 1131
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Listing first 45 summaries
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108.951 Million cell updates/sec
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Copyright (c) 1993 - 2000 Comp
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/cgn2_6/ptodata/2/ina/Backfiles1.seq:*
/cgn2_6/ptodata/2/ina/backfiles1.seq:*
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US-08-888-497-33
PCT-US94-07926-3
US-08-943-731-47
US-08-943-731-47
US-08-943-731-11
US-08-943-501A-2
US-08-943-501A-2
US-08-470-179-111
US-08-470-179-147
US-08-470-179-147
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US-08-1602-9
US-08-164-162-2
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US-08-742-40A-5
US-09-348-116A-1
US-08-742-40A-5
US-08-742-40A-5
US-08-742-40A-5
US-08-181-271A-22
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Sequence 1, Appli Sequence 33, Appl Sequence 47, Appli Sequence 4, Appli Sequence 4, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 111, Appli Sequence 117, Appli Sequence 117, Appli Sequence 9, Appli Sequence 9, Appli Sequence 20, Appli Sequence 20, Appli Sequence 21, Appli Sequence 3, Appli Sequence 1, Appli Sequence 22, Appli Sequence 22, Appli Sequence 21, Appli Sequence 22, Appli Sequence 2
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138 SULT SULT CORNER APPE TITT TITT TITT TITT TITT TITT TITT T	RESULT 1  U\$-09-603-185-1/c  Sequence 1, Application US/09603185  Patent No. 6271004  GENERAL INFORMATION: APPLICANT: Warthoe, Peter ITILE OF INVENTION: A METHOD FOR IMPROVED REVERSE TRANSCRIPTION AT HIGH TEMPERATUR FILE REFERENCE: 674513-2002  CURRENT PILING DATE: 2000-06-26  PRIOR APPLICATION NUMBER: US/09/603,185  CURRENT FILING DATE: 1999-06-25  NUMBER OF SEQ ID NOS: 8  SOFTWARE: Patentin version 3.0  SEQ ID NO 1  LENGTH: 1680  TYPE: DNA ORGANISM: PYTOCOCCUS SP. FEATURE: NAME/KEY: CDS LOCATION: (39)(1637)  Query Match Best Local Similarity 78.1%; Pred. No. 24; Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;	C 28 19 48.7 1131 1 US-08-444-803-22 Sequence 22, Appl 48.7 1131 1 US-08-449-043-22 Sequence 22, Appl 48.7 1131 1 US-08-456-265A-22 Sequence 22, Appl 63.7 129 48.7 1131 1 US-08-455-416-22 Sequence 22, Appl 63.7 129 48.7 1131 1 US-08-455-244-22 Sequence 22, Appl 63.7 129 48.7 1131 2 US-08-457-54-22 Sequence 22, Appl 63.7 129 48.7 1131 2 US-08-457-54-22 Sequence 22, Appl 63.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1131 2 US-08-456-262-22 Sequence 22, Appl 73.7 129 48.7 1234 2 US-08-71-217-22 Sequence 22, Appl 74.7 129 48.7 1234 2 US-08-742-440A-4 Sequence 22, Appl 74.7 129 48.7 1234 2 US-08-742-440A-4 Sequence 22, Appl 74.7 129 48.7 1234 2 US-08-456-504-63 Sequence 23, Appl 74.7 129 48.7 1234 2 US-08-456-504-63 Sequence 24, Appl 74.7 129 48.7 1234 2 US-08-456-504-63 Sequence 25, Appl 74.7 129 48.7 1234 2 US-08-456-504-63 Sequence 27, Appl 74.7 129 48.7 129 48.7 129 48.7 129 569-506-60 Sequence 27, Appl 75.7 129 569-506-60 Sequence 28, Appl 75.7 129 569-506-60 Sequence 29, Appl 75.7 129 569-506-60 Sequence
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; MOLECULE TYPE: CDNA
US-08-888-497-33
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 33, Application PC/TUS9407926 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,497
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REGISTRATION NUMBER: 32,264
REFERENCE/DOCKET NUMBER: IN
TELECOMMUNICATION INFORMATION:
TELEPHONE: 305-527-2498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
FILING DATE: 15-JUL-19
                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                PRIOR APPLICATION DATA:
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                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                               STREET: 200 East Brows
CITY: Fort Lauderdale
                                                                                                                                                                                                              COUNTRY:
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APPLICATION NUMBER:
                                  CLASSIFICATION:
                                                                                                          SOFTWARE:
                                                                                                                                                            MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Seilhamer, Jeffrey J.
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                                                                                                       PatentIn Release #1.0, Version #1.25
                                                                                                                                                          Floppy disk
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                                                                         PCT/US94/07926
 US 08/097,354
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Pred. No. 43;
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Db 15060 GAGCTGGACTTGGAGGCCATGGAAATG 15086
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 33:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/212,322
PILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/803,628
FILING DATE: 03-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: IN TELECOMMUNICATION INFORMATION: TELEPHONE: 305-527-2498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 15328 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 26-JUL-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANTICH SCHWARZE JACOBS & NADEL, P.C.
ASTREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: FROM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                 ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KA
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: FLR
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                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                       19103-7086
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PROCKOP, DARWIN J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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O, JARMO
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85.2%;
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 Mismatches

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Pred. No. 43
                      9598-27
                                                           KATHRYN
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US-08-290-978A-4
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Best Local Similarity 77.4
Matches 24; Conservative
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TELEX: 831-494
INFORMATION FOR SEQ ID NO:
                                                                MOLECULE TYPE: I
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 4:
                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 2974 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 4615-0044.00 TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 887-1500
                                                ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/290,978A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANY: ROLIN, CLAUS
TITLE OF INVENTION: CLONING AND EXPRESSION OF THE
TITLE OF INVENTION: EXO-POLYGALACTURONASE GENE FROM ASPERGILLUS
NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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LENGTH: 107 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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EATURE:
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                                 ORGANISM:
                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 17-OC
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STREET: 2000 Pennsylvania Avenue N.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 atggccttggtggccttggaaatggcctctt 36
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                NW756
                                                                                                                linear
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215-567-2991
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                                 ORGANISM:
                                                                                        NO
                                                                                                 DNA (genomic)
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                               Aspergillus tubigensis
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Pred. No. 35;
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RESULT 6
US-08-780-869-4
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                                                                                              Query Match 50.8
Best Local Similarity 69.3
Matches 27; Conservative
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NAME/KEY:
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LOCATION: 706..2317
OTHER INFORMATION: /note
OTHER INFORMATION: expen
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NAME/KEY:
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LOCATION:
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OTHER INFORMATION:
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                                               AGAGGATCCCCCTGTCGGCCTTTTAAATGGCTTCCTAGT 45
                                                                                                                                                                                                                                         mat_peptide
706..2317
                                                                                                                                                                                                                                                                          sig_peptide 640..705
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1941..1990
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946..1002
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640..945
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1991..2092, 2145..2219, 2273..2317)
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2273..2317
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1481..1538
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1372..1423
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2093..2144
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1539..1940
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1003..1371
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A PROPERTY.
                                                                                                        50.8%;
                                                                                                                                                                 /note= "IDENTIFICATION METHOD:
experimental; product= "exo-polygalacturonase mature enzym
evidence= EXPERIMENTAL"
                                                                                                                                                                                                                                                                                                            /note= "codon start= 640; product=
"exo-polygalacturonase precursor"; gene= "pgaX""
                                                                                                        Score 19.8;
Pred. No. 64;
                                                                                              Mismatches
                                                                                                                    DB
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                                                                                                                  Length 2974;
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Sequence 4, Application US/08780869 Patent No. 5830737
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4
TELECOMMUNICATION INFORMATION
TELEPHONE: (202) 887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE:
ORGANISM: ORG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 17-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 24-JAN-
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
HYPOTHETICAL:
                                            FEATURE:
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                                                                                      EATURE:
             NAME/KEY:
LOCATION:
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TELEX: 90-4030
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TOPOLOGY: lir
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                                                                          NAME/KEY:
                                                                                                       LOCATION:
                                                                                                                        NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      KESTER, HERMANUS C.M.
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946..1002
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640..945
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1003..1371
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                                                                                                                        exon
                                                                                                                                                  1372..1423
                                                                                                                                                                                                                                                                                                                                             ORGANISM:
               1539..1940
                                                          1481..1538
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                                                                                                                                                                                                                                                                                                                                                                                                                                    double
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                                                                                                                                                                                                                                                                                                                                             Aspergillus tubigensis
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RESULT 7
US-08-943-731-1
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                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/08943731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 27; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: PROCKO
                                                                                                                                                                                                               APPLICANT:
APPLICANT:
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                                                                                             APPLICANT: COLIGE, ALAIN

APPLICANT: EARLY, JAMES

APPLICANT: EARLY, JAMES

APPLICANT: KORKKO, JAMES

APPLICANT: ALA-KOKKO, LEENA, et al.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING

TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
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                                                                CORRESPONDENCE ADDRESS:
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NAME/KEY:
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                                                                                 NUMBER OF SEQUENCES:
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LOCATION:
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OTHER INFORMATION: experimental; product= "exo-polygalacturonase mature enzym
OTHER INFORMATION: evidence= EXPERIMENTAL"
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STREET: FLR.
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PHILADELPHIA
                                E: PANITCH SCHWARZE JACOBS & NADEL, P.C. ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
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                                                                                                                                                                                                               SEREDA, LARISA
LARSON, ANDREA W.
                                                                                                                                                                                               PACK, MICHAEL
                                                                                                                                                                                                                                             DELTAS, CONSTANTINOS D.
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Pred. No. 64;
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US-09-144-085-3
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                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 33529
TYPE: DNA
ORGANISM: Sorangium cellulosum
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ashley, Gary
APPLICANT: Julien, Bryan
APPLICANT: Ziermann, Rainer
TITLE OF INVENTION: SCRANGIUM POLYKETIDE SYNTHASES AND ENCODING DNA
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 30062-20020.20
CURRENT APPLICATION NUMBER: US/09/144,085
CURRENT FILING DATE: 1998-08-31
EARLIER APPLICATION NUMBER: 09/010,809
EARLIER FILING DATE: 1998-01-22
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                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 8
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INFORMATION FOR SEQ ID NO: 1:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 03-DEC-1991
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NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: Z15 - TELEPH
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Score 19.8;
Pred. No. 99;
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Pred. No. 89;
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US-08-470-179-111
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                                                                                                                                                                                                                                                                                                                                        Sequence 111, Application US/08470179 Patent No. 5645994 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/122,620 PRIOR FILING DATE: 1999-03-03 PRIOR APPLICATION NUMBER: US 60/119,386 PRIOR FILING DATE: 1999-02-10
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        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                             APPLICANT: Huang Ph.D, Wai Mun
TITLE OF INVENTION: Method and Compositions for
TITLE OF INVENTION: Identification of Species in a Sample
NUMBER OF SEQUENCES: 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                              STREET: P.O. Box 255 CITY: Salt Lake City
                                                                                                                                         COUNTRY:
                                                                                                                                                                  STATE:
                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 aggagatggccttggtggccttggaaatggcctc 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 aggagatggccttggtggcctttggaaatggcctcttatt 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 . 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      71989
                                                                                                                          84110
                                                                                                                                                              Utah
                                                                                                                                                                                                   E: Trask, Britt and Rossa P.O. Box 2550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ziermann, Rainer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tang, Li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Khosla,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Katz, Leonard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Julien, Bryan
                                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Chaitan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 50.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 19.6; DB 4;
Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12;
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US-08-470-179-147
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Huang Ph.D, Wai Mun
TITLE OF INVENTION: Method and Compositions for
TITLE OF INVENTION: Identification of Species in a Sample
NUMBER OF SEQUENCES: 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                TELEFAX: 801-531-9168 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
ORGANISM: Art
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL: I
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                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Trask, Britt and Rossa
STREET: p.O. Box 2550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 801-532-1922
TELEFAX: 801-531-9168
                                                                                                                                                                                                                              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
HYPOTHETICAL:
               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            263 AGATGGCACCGCTGGCCATGGAAATGGTC 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 36, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: P.O. Box 255
CITY: Salt Lake City
STATE: Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                 NAME: Sweigert Ph.D, Susan E. REGISTRATION NUMBER: 36,289
REFERENCE/DOCKET NUMBER: 2601
                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                       COMPUTER
                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 agatggccttggtggccttggaaatggcc 32
                               TOPOLOGY:
                                               STRANDEDNESS:
                                                                TYPE:
                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                            84110
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                                                             nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   423 base pairs
                                                                                  423 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     801-531-9168
                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                                      E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                 not relevant
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               DNA (genomic)
                                                 double
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79.3%;
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 Mismatches

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Pred. No. 64;
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ORGANISM: Micrococcus leteus US-08-470-179-147
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; LOCATION: (1)..(915)
US-09-248-588-12
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                                                                                                                                                                                                                                                                                                                                                                                          PCT-US96-10602-9
                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 13
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Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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Patent No. 6231864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Application PC/TUS9610602 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: 60/074537
EARLIER FILING DATE: 1998-02-12
NUMBER OF SEQ ID NOS: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/248,588
CURRENT FILING DATE: 1999-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Birkett, Ashley J.
TITLE OF INVENTION: Strategically Modified Hepatitis B Core Proteins and
TITLE OF INVENTION: their Derivatives
FILE REFERENCE: SYN-101 4564/69529
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Hepatitis B virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                  APPLICANT: The General Hospital Corporation TITLE OF INVENTION: INHIBITION OF HEPATITIS B REPLICATION NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ANTI-SENSE:
                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    263 AGATGGCCCCGCTGGCCATGGAGATGGTC 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                            559 aggagattgctttggtggcattacaactg 587
                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                            COUNTRY: USA
ZIP: 02110-2804
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                  CLASSIFICATION:
                                    FILING DATE
                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                STREET:
                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                  225 Franklin Street
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                                                                                                                                                                                                                                                                   Fish & Richardson P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 49.78;
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                                                       PCT/US96/10602
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Pred. No. 64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 19.4;
Pred. No. 7
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US-08-391-000-41
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Patent No. 5723752
GENERAL INFORMATION:
APPLICANT: HOUTZ, Robert L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                               TELEFAX: (703) 836-2021 INFORMATION FOR SEQ ID NO: 41:
                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                           MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                 CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1263 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 1263 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
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NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
                                                                TOPOLOGY:
                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       430 AGGAGATTGCTTTGGTGGCATTACAACTG 458
                 NAME/KEY:
                                                                                                               LENGTH:
                                                                                                                                                                                TELEPHONE:
                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/0 FILING DATE: 21-FEB-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          23; Conservative
                                                                                       nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                     22313-1404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        P.O. Box 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                   United States
59..1528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           617/542-5070
617/542-8906
                                                                linear
                                                                                                                                                                                  (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Burns, Doane, Swecker & Mathis
                                                                              single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUBUNIT N-METHYLTRANSFERASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLONING AND DEVELOPMENTAL EXPRESSION OF PEA RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE LARGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         49.7%;
79.3%;
                                                                                                                                                                                                                                                                                                                US/08/391,000
                                                                                                                                                                                                                                 36,607
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                                                                                                                                                                                                                 028750-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 19.4;
Pred. No. 78;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
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; LOCATION:
US-08-741-931-41
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US-08-741-931-41
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                                                                              Matches
                                                                                       Query Match 49.7%;
Best Local Similarity 70.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 41, Application US/08741931 Patent No. 5866394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 26;
                                                                                                                                                                                                                                                                                                                                    TELEFAX: (703) 836-20 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 49.7%;
Best Local Similarity 70.3%;
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1493 GGCGATATCCTTGGAGACCTAGGAAAATTCTTCTAAT 1529
                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/741,931
FILING DATE: 31-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/391,000
FILING DATE: 21-FEB-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION: NAME: Meuth, Donna M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1493 GGCGATATCCTTGGAGACCTAGGAAAATTCTTCTAAT 1529
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                     2 ggagatggccttggtggccttggaaatggcctcttat 38
                                                                                                                                                                                                                                                             LENGTH: 1801 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                             26;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Burns, Doane, Swecker & Mathis P.O. Box 1404
                                                                           Conservative
                                                                                                                                                                          CDS
59..1528
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                                                                                                                                                                                                                                              linear
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                                                                                                                                                                                                                            DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                   836-2021
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SUBUNIT N-METHYLTRANSFERASE
                                                                                                                                                                                                                                                                                                                                    41:
                                                                       0; Mismatches
                                                                                       Score 19.4;
Pred. No. 83;
                                                                                                                                                                                                                                                                                                                                                                                                       028750-123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 19.4; DB 1;
Pred. No. 83;
                                                                                                    DB 2;
                                                                      11;
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                                                                                                      Length 1801;
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Search completed: January 29, 2002, 21:24:42 Job time: 1720 sec